

What is claimed is:

1. A transmitting method for transmitting data in a predetermined format per unit having a predetermined data length among devices linked to a certain bus line, wherein the data is transmitted by:

setting up a section for transmitting auxiliary data of transmission data in a unit having said predetermined data length; and

placing identification data related to spatial placement of said transmission data in a first section within said section for transmitting the auxiliary data, and data related to set-up of said transmission data in a second section within said section.

2. The transmitting method according to Claim 1, wherein:

said transmission data is audio data, and the identification data in said first section is data related to positioning of a speaker for each channel.

3. The transmitting method according to Claim 1, wherein:

said transmission data is audio data, and the data related to the set-up in said second section is data related to

a sampling frequency of each channel prepared.

4. The transmitting method according to Claim 1,
wherein:

said transmission data is audio data, and the
identification data in said first section is identification data
related to spatial placement of a recording channel; and

the data related to the set-up in said second section is
data that indicates one of existence and absence of the
recording channel for each channel.

5. The transmitting method according to Claim 1,
wherein:

said transmission data is image data, the identification
data in said first section is data related to a placement
position to display the image data, and the data related to the
set-up in said second section is data that specifies a display
pattern of the image data.

6. A transmitting apparatus comprising:

data input means for obtaining predetermined
transmission data;

transmission data generating means for dividing the
transmission data obtained by said data input means into a
plurality of items of data each having a predetermined data

length, and generating transmission data of a specific format by placing label data specifying a scheme of each item of data in a head portion of said each item of data, said transmission data generating means also for generating auxiliary data having said data length and setting up a section used in transmitting said auxiliary data, said transmission data generating means further for placing identification data related to spatial placement of the transmission data in a first section within said auxiliary data, and data related to set-up of the transmission data in a second section within said auxiliary data; and

sending means for sending the transmission data generated by said transmission data generating means to a certain bus line.

7. The transmitting apparatus according to Claim 6, wherein:

the transmission data obtained by said data input means is multi-channel audio data; and

the identification data in said first section within the auxiliary data generated by said transmission data generating means is data related to positioning of a speaker for each channel.

8. The transmitting apparatus according to Claim 6, wherein:

the transmission data obtained by said data input means is multi-channel audio data;; and

the data related to the set-up in said second section within the auxiliary data generated by said transmission data generating means is data related to a sampling frequency of each channel prepared.

9. The transmitting apparatus according to Claim 6, wherein:

the transmission data obtained by said data input means is multi-channel audio data; and

the identification data in said first section within the auxiliary data generated by said transmission data generating means is identification data related to spatial placement of a recording channel; and

the data related to the set-up in said second section is data that indicates one of existence and absence of the recording channel for each channel.

10. The transmitting apparatus according to Claim 6, wherein:

the transmission data obtained by said data input means is image data; and

the identification data in said first section within the auxiliary data generated by said transmission data generating

means is data related to a placement position to display the image data, and the data related to the set-up in said second section is data that specifies a display pattern of the image data.

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